

IN THE CLAIMS:

Amend Claim 1 as follows and add Claims 22-28:

1. (Currently Amended) Device for attaching a first instrument or tool part (3-5) to a second part (2) in the form of a beam or on a working machine, comprising first (17) and second (7) engagement means respectively fixed to one of the first (3-5) and second (2) parts,

said first (17) and second (7) engagement means structured and arranged on the respective parts (2-5) to be driven into engagement with each other such that the parts (2-5) are thereby held attached to each other under the force of gravity of the first part (3-5) upon the second part (2),

said first (17) engagement means include a male engagement member having external surfaces (14, 15) converging towards each other,

said second (7) engagement means include a female member having internal surfaces (8, 11) converging towards each other in a corresponding way to said external surfaces (14, 15) of said first engagement means (17), to receive and hold said first engagement means (17) in said second engagement means (7) under the influence of the gravitational force of the first part (3-5) upon the second part (2) to push said external converging surfaces (14, 15) substantially in the direction of convergence against said internal converging surfaces (8, 11) and into a fixed position in which said respective externally (14, 15) and internally (8, 11) converging surfaces fit tightly together, and

an arrangement to fixedly lock the second part (2) to the first part (3-5) and with a recess (19) in a surface (8) of one (3-5) of the parts (2-5), and comprising a wedge element (20) movably arranged on the other (2) of the parts (2-

5),

means (25) for inserting said wedge element (20) in the recess (19) such that surfaces of said wedge element (20) are pressed against walls of the recess (19) and locking said wedge element (20) non-movably in the recess (19), ~~and~~

resilient means (24) arranged to be compressed, store potential energy and only act on said wedge element (20) to press said wedge element (20) into the recess (19) during biasing of said resilient means (24) by said inserting means (25) in said locked position, and not act upon said wedge element (20) in absence of such biasing by said inserting means (25), such that said wedge element (20) remains retracted, and

said inserting means (25) are positioned between said wedge element (20) and said resilient means (24).

2. (Previously Presented) Device according to claim 1, wherein the wedge-element (20) is, on pressing into the recess (19), designed to fit against and influence the internal walls of the recess in such a direction that the part provided with the recess is pressed with its engagement means (7) having surfaces converging towards each other into an engagement-making direction.

3. (Previously Presented) Device according to claim 1, wherein said engagement means comprises a controllable power means (25) for transferring the locking arrangement between an inactive position and an active position with the wedge element (20) pushed into the recess (19) and held during pre-loading.

4. (Previously Presented) Device according to claim 3, wherein the locking arrangement comprises a dead centre defining means (22) connected to the wedge element (20), and the power means (25) are designed to influence said dead centre defining means to transfer the wedge element from an inactive position to an active position located on the opposite side of a dead centre, in which the resilient member (24) is solely responsible for holding the wedge element in the recess.

5. (Previously Presented) Device according to claim 1, wherein the recess (19) is a through hole.

6. (Previously Presented) Device according to claim 1, wherein the wedge element (20) is arranged on the second part (2) and the recess (19) on the first part (3-5).

7. (Previously Presented) Device according to claim 1, wherein the first engagement means has an external, substantially planar, large surface part (13) arranged to fit against an internal, substantially planar, large surface part (8) of the second engagement means in locked position to support the first part relative to the second part in the direction of these surface parts.

8. (Previously Presented) Device according to claim 7, wherein said large, planar surface part on the engagement means on the first part is arranged to be directed substantially opposite to the direction for nearing the second part to the first for said attachment.

9. (Previously Presented) Device according to claim 1, wherein the second engagement means (7) has two opposing walls (9) that converge towards each other, which laterally restrict a channel (10) directed substantially vertically in the normal position of the first part when attached to the second part and form said converging internal surfaces.

10. (Previously Presented) Device according to claim 9, wherein both of said converging channel walls (9) form opposing boundaries on the substantially planar support surface part (8) that forms the bottom of the channel.

11. (Previously Presented) Device according to claim 10, wherein the second engagement means (7) have a planar surface part (11) lying opposite to said large, planar surface part (8) and converging towards the latter to form said converging internal surfaces together therewith.

12. (Previously Presented) Device according to claim 9, wherein the second engagement means (7) comprises two other walls (8, 11), which at least partly restrict the channel (10) and extend substantially perpendicularly relative to the firstly mentioned walls (9) and converge towards each other to form said converging internal surfaces.

13. (Previously Presented) Device according to claim 1, wherein the second engagement means (7) has an opening (16) intended, to be turned towards the other part during the engagement operation in a direction that is substantially

perpendicular to the direction of convergence of the converging surfaces thereof to facilitate the insertion of the first engagement means (17) in the second engagement means.

14. (Previously Presented) Device according to claim 1, wherein the second engagement means (7) is formed from a flanged metal sheet.

15. (Previously Presented) Device according to claim 1, wherein the second engagement means (7) is arranged on the first part (3-5) with upwardly converging internal surfaces and the male-type engagement means (17) is arranged on the second part (2) with upwardly converging external surfaces.

16. (Previously Presented) Device according to claim 2, wherein said engagement means comprises a controllable power means (25) for transferring the locking arrangement between an inactive position and an active position with the wedge element (20) pushed into the recess (19) and held during pre-loading.

Claim 17. Canceled

18. (Previously Presented) Device according to claim 2, wherein the first engagement means has an external, substantially planar, large surface part (13) arranged to fit against an internal, substantially planar, large surface part (8) of the second engagement means in locked position to support the first part relative to the second part in the direction of these surface parts.

19. (Previously Presented) Device according to claim 3, wherein the first engagement means has an external, substantially planar, large surface part (13) arranged to fit against an internal, substantially planar, large surface part (8) of the second engagement means in locked position to support the first part relative to the second part in the direction of these surface parts.

20. (Previously Presented) Device according to claim 4, wherein the first engagement means has an external, substantially planar, large surface part (13) arranged to fit against an internal, substantially planar, large surface part (8) of the second engagement means in locked position to support the first part relative to the second part in the direction of these surface parts.

21. (Previously Presented) Device according to claim 1, wherein said inserting means (25) comprise a toggle joint (22) arranged between said resilient means (24) and wedge element (20) to simultaneously extend said wedge element (20) and bias and compress said resilient means (24) in said locked position.

22. (New) Device according to claim 1, wherein said resilient means (24) and wedge element (20) are structured and arranged with respect to one another such that said resilient means (24) are compressed in a direction opposite to insertion direction of said wedge element (20) into the recess (19) and extended when said wedge element (20) is retracted away from the recess (19) and towards the resilient means (24).

23. (New) Device according to claim 22, wherein said wedge (20) and resilient means (24) are both movable along the same axis.

24. (New) Device according to claim 21, wherein said toggle joint (22) comprises two members pivotally coupled together,

a first member engaged with said wedge element (20) and a second element engaged with said resilient means (24) which is a compression spring,

such that when said members pivot away from one another to form an increasing obtuse angle, said resilient means (24) is compressed and said wedge element (20) extended into the recess (19).

25. (New) Device according to claim 24, wherein when said members form an approximately right angle, said wedge (20) is retracted from the recess (19) and compression spring (24) extended in unbiased condition, and

when said members form an approximately 180° angle, said wedge (20) is extended into the recess (19) and compression spring (24) compressed.

26. (New) Device according to claim 24, wherein said inserting means (25) additionally comprise controllable power means (25) for pivoting said members against the force of the compression spring (24) from an inactive, retracted position of said wedge element (20) out of the recess (19) to an active position on an opposite side of a dead center in which extensive force of said compression spring (24) is solely responsible for holding said wedge element (20) in the recess (19).

27. (New) Device according to Claim 26, wherein said power means (25) are an hydraulic cylinder having a piston rod connected to said toggle joint (22).

28. (New) Device according to Claim 21, wherein said inserting means (25) are structured and arranged to act upon said toggle joint (22) by linear, translational movement towards said toggle joint (22).